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02-21-03

SERIAL NO. 09/918,164
PATENT APPLICATION
Atty. Docket No. 3819-011108

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2165 :

In re application of: :

**STOCHASTIC LOCAL SEARCH
FOR COMBINATORIAL AUCTIONS**

CRAIG E. BOUTILIER et al. :

Serial No.: 09/918,164 :

Filed: July 30, 2001 :

Examiner: Not Yet Assigned :

Pittsburgh, Pennsylvania
January 29, 2003

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INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, D.C. 20231

Sir:

Pursuant to the requirements of 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant(s) submit(s) this Information Disclosure Statement together with a completed Form PTO-1449 and a copy of each reference listed thereon.

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the Merits. Nevertheless, the Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on January 29, 2003.

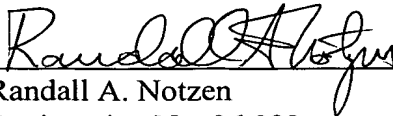
Deborah L. Medves
(Name of Person Mailing Paper)

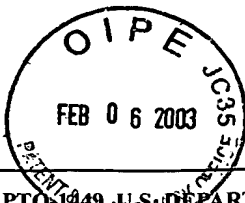
Deborah L. Medves 01/29/03
Signature Date

this Information Disclosure Statement are enclosed.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

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Sheet 1 of 6FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
3819-011108SERIAL NO.
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STATEMENT BY APPLICANTAPPLICANT(S)
Craig E. Boutilier et al.

(Use several sheets if necessary)

FILING DATE
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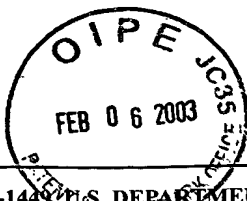
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	E. Arkin and R. Hassin, "On Local Search For Weighted k -Set Packing", European Symposium on Algorithms, pp. 15, (1997).
	AR	S. Bikhchandani and J. Mamer, "Competitive Equilibrium In An Exchange Economy With Indivisibilities", Journal of Economic Theory: 74, 385-413, (1997).
	AS	B. Chandra and M. Halldórsson, "Greedy Local Improvement And Weighted Set Packing Approximation", SODA, pp. 8, (1999).

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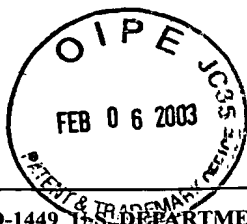
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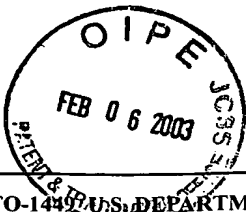
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	AR	H. Hoos, "On The Run-Time Behaviour Of Stochastic Local Search Algorithms For SAT", American Association for Artificial Intelligence, pp. 6, (1999).
	AS	K. Leyton-Brown, Y. Shoham and M. Tennenholtz, "An Algorithm For Multi-Unit Combinatorial Auctions", American Association for Artificial Intelligence, pp. 6, (2000).

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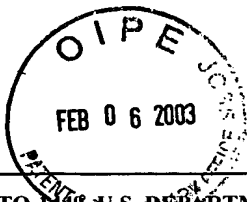
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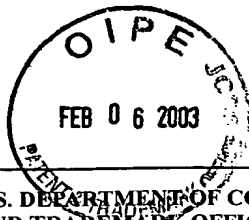
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	AR	M. Rothkopf, A. Pekeč and R. Harstad, "Computationally Manageable Combinatorial Auctions", DIMAC Technical Report 95-09, pp. 17, April 1995.
	AS	T. Sandholm, "An Algorithm For Optimal Winner Determination In Combinatorial Auctions", International Joint Conference on Artificial Intelligence, pp. 6, (1999).

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	AQ	M. P. Wellman, W. Walsh, P. Wurman and J. MacKie-Mason, "Auction Protocols For Decentralized Scheduling", Games and Economic Behavior, 35, 271-303 (2001).
	AR	R. Engelbrecht-Wiggans and R. Weber, "A Sequential Auction Involving Asymmetrically Informed Bidders", International Journal of Game Theory, Vol. 12, Issue 2, pp. 123-127 (1983).
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